

BSI-Inspectorate America
178 Mortland Road
Searsport, Maine 04974
(207)548-6440

QUALITY CERTIFICATE

Vessel **SHORE TANK NO. 4**
Customer **SPRAGUE**
Operation **ANALYSIS**

Port **SEARSPORT, MAINE**
Date **March 14, 2005**
Terminal **SPRAGUE**

Report **SP/05/0309**
Reference
Sample # **326506**

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCAHRGE OF NARODNY BRIDGE
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052			11.5
FLASH POINT, F	ASTM D 93			199
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			253
POUR POINT, F	ASTM D 97			+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.05
SULPHUR, % WT.	ASTM D 4294			1.928
SH, % WT.	ASTM D 482			0.04
VANADIUM, PPM	AA/AE			82
SODIUM, PPM	AA/AE			49
BTU'S/POUND	CALCULATION			18,321
BTU'S/GALLON	CONVERSION			150,983
NITROGEN, % WT.	ASTM D 5762			0.4082
CARBON RESIDUE, % WT.	ASTM D 4530			13.1
ASPHALTENES, % WT.	IP-143			5.52
<p>SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.</p>				